

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number  
**WO 2005/059541 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/14**

(21) International Application Number:  
PCT/GB2004/005261

(22) International Filing Date:  
16 December 2004 (16.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0329503.7 19 December 2003 (19.12.2003) GB  
0405646.1 12 March 2004 (12.03.2004) GB

(71) Applicant (for all designated States except US):  
**BLOOMSBURY INNOVATIONS LTD.** [GB/GB];  
1 Prime Parkway, Derby, Derbyshire DE1 3QB (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CAMPBELL,**

James, Gordon [GB/GB]; 1 Prime Parkway, Derby, Derbyshire DE1 3QB (GB). **GROSSMAN, Stanley, Irwin** [GB/GB]; 5E Bloomsbury Street, London WC1B 3QE (GB).

(74) Agent: **SMAGGASGALE, Gillian, Helen**; W.P. Thompson & Co, 55 Drury Lane, London WC2B 5SQ (GB).

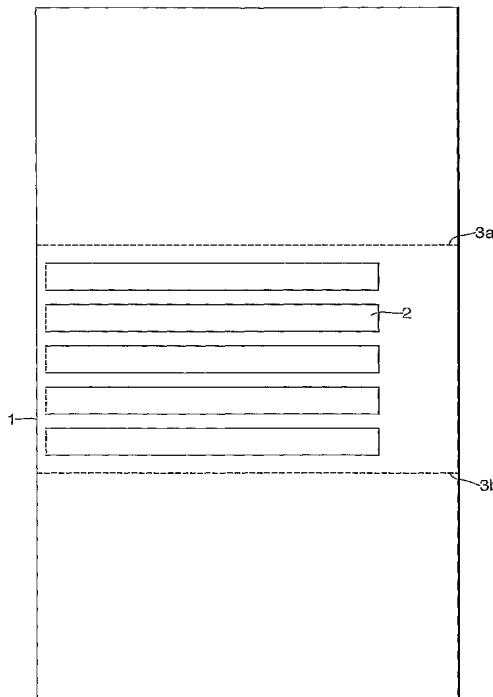
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

*[Continued on next page]*

(54) Title: APPARATUS FOR DETECTING DRUGS IN A BEVERAGE

(57) **Abstract:** A test kit for detecting the presence of one or more drugs in a beverage comprising a support having a plurality of detector strips attached thereto. Drugs to be detected are e.g. benzodiazepines, gamma hydroxy butyrate (GHB), Ketamines, Ectasy (MDMA), cocaine barbiturates, opiates, cannabis and flunitrazepam (Rohypnol<sup>®</sup>).



WO 2005/059541 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.